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PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/510,265
Filing Date	October 5, 2004
First Named Inventor	Hee Young Kim
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	644P002

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): -Form PTO 1449 -Copies of Non US References cited - 5 -Copy of Int. Search Report dated 12/8/03
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Niels & Lemack		
Signature			
Printed name	Kevin S. Lemack		
Date	January 11, 2005	Reg. No.	32,579

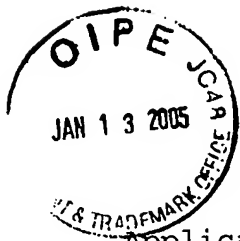
**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Kevin S. Lemack	Date	January 11, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hee Young Kim et al.  
Serial No. : 10/510,265 (PCT/KR03/01252)  
Filed : October 5, 2004 (26 June 2003)  
For : METHOD FOR CONTINUOUS PREPARATION OF  
NANOMETER-SIZED HYDROUS ZIRCONIA SOL USING  
MICROWAVE  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney :  
Docket No. : 644P002

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

INFORMATION DISCLOSURE STATEMENT

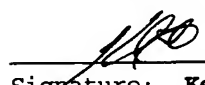
The Examiner is respectfully requested to consider the documents, which are listed on the attached form PTO 1449.

The relevance of some of the references cited are shown in the International Search Report filed herein on October 5, 2004, dated December 8, 2003, which indicates the degree of relevance found by the Korean Patent Office.

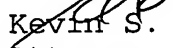
The Examiner's attention is drawn to co-pending U.S. Patent Application No. 10/510,264 filed October 5, 2004 and the references being cited therein.

Copies of the non U.S. Patents listed on the attached form are enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on **January 11, 2005**

  
Signature: **Kevin S. Lemack**  
Date: **January 11, 2005**

Respectfully submitted,

  
Kevin S. Lemack  
Attorney for Applicants  
Registration No. 32,579  
Niels & Lemack  
176 E. Main Street  
Westboro, MA 01581  
TEL: (508) 898-1818

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	<b>ATTY. DOCKET NO.</b> 644P002	<b>SERIAL NO.</b> 10/510,265
	Hee Young Kim et al.	
	<b>FILING DATE</b> October 5, 2004	<b>GROUP</b> Not yet assigned

**REFERENCE DESIGNATION**
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,784,794	11/1988	Kato	516	90	
	AB	4,880,578	11/1989	Holcombe et al.	264	432	
	AC	5,004,711	4/1991	Grodek	501	103	
	AD	5,219,829	6/1993	Bauer et al.	505	510	
	AE	5,275,759	1/1994	Osaka et al.	252	313.1	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA	146983	5/1998	Korea			SR	
	BB	3-205317	9/1991	Japan			SR	
	BC	4-187520	7/1992	Japan			SR	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)**

	CA	Copy of International Search Report dated 12/8/2003
	CB	J. Am. Ceram. Soc., 78(4), 1103-1106 (1995); Young Tae Moon et al.; "Preparation of Monodisperse ZrO <sub>2</sub> by the Microwave Heating of Zirconyl Chloride Solutions"
	CC	J. Am. Ceram. Soc., 78 (10), 2690-2697 (1995); Young Tae Moon et al., "Preparation of Monodisperse and Spherical Zirconia Powders by Heating of Alcohol-Aqueous Salt Solutions"
	CD	
	CE	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>
<b>EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</b>		

SR=Cited in Search Report